

Converting Colors

$Yxy(60.7194, 0.2981, 0.3585)$

Have a look what the booklet for
Yxy(60.7194, 0.2981, 0.3585)
contains.

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Color

Yxy(60.6254, 0.2979, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	ACD6BF
RGB	172, 214, 191
RGB Percent	67%, 84%, 75%
CMY	0.3252, 0.1608, 0.2509
CMYK	0.20, 0.00, 0.11, 0.16
HSL	147°, 34%, 76%
HSV	147°, 20%, 84%
XYZ	50.4760, 60.6254, 58.3380
YIQ	198.8200, -17.6490, -16.0570

Conversions

Conversions Part 2

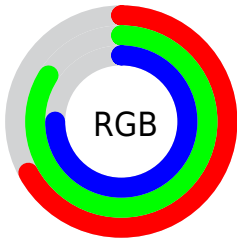
Format	Color
RYB	172, 201, 214
Decimal	11327167
CIELab	82.18, -18.27, 6.83
CIElCh	82, 19.507, 159.504
Yxy	60.6254, 0.2979, 0.3578
Android (android.graphics.Color)	4289517247 (0xFFACD6BF)
YUV	198.8200, -3.8553, -23.5211
Hunter-Lab	77.8623, -20.5424, 10.0809

Details

The Yxy color **60.6254, 0.2979, 0.3578** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7685, 0.3308, 0.3019**, and the grayscale version is **57.0389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7294, 0.3008, 0.3370**, and **30.5532, 0.2935, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **57.9013, 0.2908, 0.3750**, and if you desaturate by 10%, it is **63.7859, 0.3054, 0.3423**.

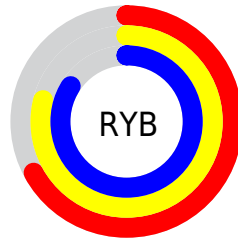
Distribution



Red (67%)

Green (84%)

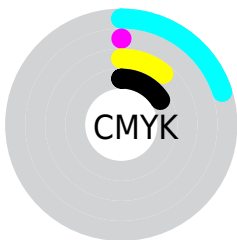
Blue (75%)



Red (67%)

Yellow (79%)

Blue (84%)

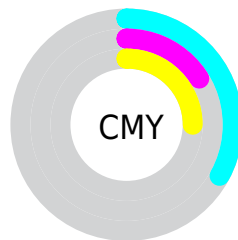


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (16%)



Cyan (33%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6254, 0.2979, 0.3578 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 60.6254, 0.2979, 0.3578 by changing the saturation by 10% instead.


 60.6254, 0.2979,
0.3578

 60.6254, 0.2979,
0.3578


426.8992, 0.3051,
0.3437

 43.9229, 0.2961,
0.3612

 105.7364, 0.3005,
0.3528

 30.6099, 0.2939,
0.3655


134.9136, 0.3015,
0.3509

 20.3020, 0.2910,
0.3712


169.0179, 0.3023,
0.3492

 12.6148, 0.2871,
0.3790

208.4337, 0.3030,
0.3478

 7.1638, 0.2813,
0.3902

253.5453, 0.3037,
0.3466

 3.5648, 0.2724,
0.4079

304.7372, 0.3042,

 1.4332, 0.2563,

0.3455

0.4398

362.3937, 0.3047,
0.3446

0.2410, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.6254, 0.2979,
0.3578

60.6254, 0.2979,
0.3578

57.9013, 0.2908,
0.3750

63.7859, 0.3054,
0.3423

55.5863, 0.2845,
0.3937

67.3934, 0.3130,
0.3285

53.6618, 0.2791,
0.4138

71.4677, 0.3207,
0.3162

52.1048, 0.2751,
0.4349


75.5160, 0.3262,
0.3053


 50.8896, 0.2728,
0.4565


 76.2278, 0.3182,
0.2940

 49.9871, 0.2724,
0.4779

 76.5672, 0.3146,
0.2890

 49.3631, 0.2740,
0.4984

 48.9593, 0.2772,
0.5175

 48.9446, 0.2773,
0.5183

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.6254, 0.3228, 0.3714



60.6254, 0.2979, 0.3578



60.6254, 0.2775, 0.3357

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.6254, 0.2979, 0.3578



60.6254, 0.2797, 0.2877



60.6254, 0.3612, 0.3422

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.6254, 0.2979, 0.3578



47.7685, 0.3308, 0.3019

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.6254, 0.3488, 0.3211



60.6254, 0.2979, 0.3578



60.6254, 0.3011, 0.2905

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.6254, 0.2979, 0.3578



60.6254, 0.2673, 0.2953



60.6254, 0.3265, 0.3026



60.6254, 0.3600, 0.3610

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.6254, 0.2979, 0.3578



60.6254, 0.2689, 0.3199



60.6254, 0.3265, 0.3026



60.6254, 0.3585, 0.3352

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.6279, 0.2979, 0.3578



96.6844, 0.3081, 0.3372



62.6872, 0.3274, 0.3798



20.6204, 0.3076, 0.3382



0.0000, 0.0000, 0.0000



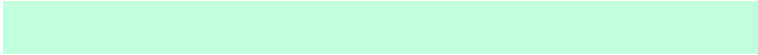
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.6279, 0.2979, 0.3578



88.2077, 0.2945, 0.3656



61.6138, 0.2848, 0.3315



13.9884, 0.3055, 0.3421



29.6079, 0.2766, 0.5156



1.8024, 0.2672, 0.4820

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.7685, 0.3308, 0.3019



65.3197, 0.3362, 0.2951



46.8887, 0.3493, 0.3266



12.5336, 0.3206, 0.3163



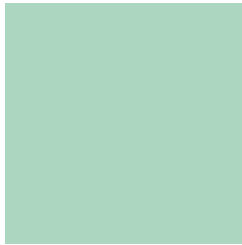
9.4429, 0.4745, 0.2388



0.5861, 0.4408, 0.2202

Previews

White Background



This preview shows how the Yxy color 60.6254, 0.2979, 0.3578 looks on a white background.

Color Contrast Check

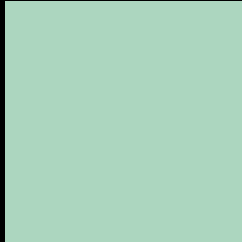
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 60.6254, 0.2979, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

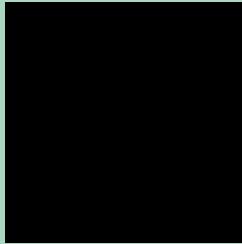
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

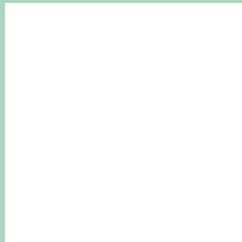
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6254, 0.2979, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 60.6254, 0.2979, 0.3578.

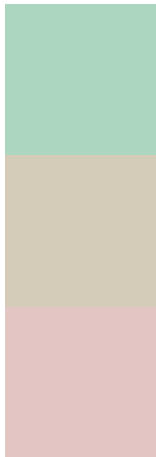


This preview shows how white text looks on a background with the Yxy color 60.6254, 0.2979, 0.3578.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.6254, 0.2979, 0.3578

Protanopia

60.2117, 0.3330, 0.3501

Deuteranopia

60.2035, 0.3384, 0.3313



Tritanopia

60.5569, 0.2798, 0.3087

Trichromacy



Original Color

60.6254, 0.2979, 0.3578

Protanomaly

60.0838, 0.3192, 0.3531

Deuteranomaly

59.8723, 0.3223, 0.3396

Tritanomaly

60.6227, 0.2866, 0.3265

Monochromacy



Original Color

60.6254, 0.2979, 0.3578

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.9901, 0.3069, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6254, 0.2979, 0.3578 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(172, 214, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 214, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(172, 214, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 214, 191) }
```

Border

The CSS property to change the border of an element to Yxy 60.6254, 0.2979, 0.3578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 214, 191) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(172, 214, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(172, 214, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 214, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 214, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 214,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6254, 0.2979, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 214, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(172,  
214, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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